

1. Product and Company Identification

Product Code:	00081	
Product Name:	Hawaiian Drink Flavor	
Trade Name:	Hawaiian Drink Flavor	
Company Name:	Perfumer's Apprentice 170 Technology Circle Scotts Valley, CA 95066	Phone Number: (831)316-7137

2. Hazards Identification

Skin Corrosion/Irritation, Category 3
Skin Sensitization, Category 1
Aquatic Toxicity (Acute), Category 3
Aquatic Toxicity (Chronic), Category 3



GHS Signal Word:	Warning
GHS Hazard Phrases:	Causes mild skin irritation. May cause an allergic skin reaction. Harmful to aquatic life. Harmful to aquatic life with long lasting effects.
GHS Precaution Phrases:	Avoid breathing dust/fume/gas/mist/vapours/spray. Contaminated work clothing should not be allowed out of the workplace. Take off contaminated clothing and wash it before reuse. Avoid release to the environment.
GHS Response Phrases:	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs, get medical advice/attention. IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs, seek medical advice/attention. Specific treatment see ... on this label.
GHS Storage and Disposal Phrases:	Store in cool/well-ventilated place. Dispose of contents/container to
Potential Health Effects (Acute and Chronic):	
Inhalation:	May be harmful if inhaled.
Skin Contact:	Causes skin irritation.
Eye Contact:	May cause eye irritation.
Ingestion:	May be harmful if swallowed.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
57-55-6	Propylene glycol	>=10.0 %
105-54-4	Ethyl butyrate	1.0 -10.0 %
108-64-5	Ethyl isovalerate	1.0 -10.0 %
7452-79-1	Ethyl 2 - methylbutyrate	1.0 -10.0 %
100-52-7	Benzaldehyde	1.0 %
123-92-2	Iso-Amyl acetate	1.0 %

110-19-0	Iso-Butyl acetate	2.47 %
123-68-2	Hexanoic acid, 2-propenyl ester	1.0 -10.0 %
142-19-8	Allyl heptanoate	1.0 -10.0 %
138-86-3	Dipentene	1.0 %
103-37-7	Benzyl butyrate	1.0 -10.0 %
122-63-4	Propanoic acid, phenylmethyl ester	1.0 -10.0 %

4. First Aid Measures

Emergency and First Aid

Procedures:

- In Case of Inhalation:** If inhaled, remove to fresh air.
- In Case of Skin Contact:** In case of contact, flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical aid if irritation develops and persists.
- In Case of Eye Contact:** In case of contact, immediately flush eyes with plenty of water for a t least 15 minutes.
- In Case of Ingestion:** Clean mouth with water and drink plenty of water.
- Signs and Symptoms Of Exposure:** To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

5. Fire Fighting Measures

- Flash Pt:** > 200.00 F
- Explosive Limits:** LEL: No data. UEL: No data.
- Autoignition Pt:** No data.
- Suitable Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.
- Fire Fighting Instructions:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
- Flammable Properties and Hazards:** No data available.

6. Accidental Release Measures

- Protective Precautions, Protective Equipment and Emergency Procedures:** Ensure adequate ventilation.
- Steps To Be Taken In Case Material Is Released Or Spilled:** Dike to collect large liquid spills.

7. Handling and Storage

- Precautions To Be Taken in Handling:** Handle in accordance with good industrial hygiene and safety practice.
- Precautions To Be Taken in Storing:** Keep container tightly closed in a dry and well-ventilated place.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
57-55-6	Propylene glycol	No data.	No data.	No data.
105-54-4	Ethyl butyrate	No data.	No data.	No data.
108-64-5	Ethyl isovalerate	No data.	No data.	No data.
7452-79-1	Ethyl 2 - methylbutyrate	No data.	No data.	No data.
100-52-7	Benzaldehyde	No data.	No data.	No data.
123-92-2	Iso-Amyl acetate	PEL: 100 ppm	TLV: 50 ppm STEL: 100 ppm	No data.
110-19-0	Iso-Butyl acetate	PEL: 150 ppm	TLV: 150 ppm	No data.
123-68-2	Hexanoic acid, 2-propenyl ester	No data.	No data.	No data.
142-19-8	Allyl heptanoate	No data.	No data.	No data.
138-86-3	Dipentene	No data.	No data.	No data.
103-37-7	Benzyl butyrate	No data.	No data.	No data.
122-63-4	Propanoic acid, phenylmethyl ester	No data.	No data.	No data.

Respiratory Equipment (Specify Type): If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Eye Protection: Chemical safety goggles.

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure. Handle with gloves.

Other Protective Clothing: Wear appropriate protective clothing to prevent skin exposure.

Engineering Controls (Ventilation etc.): Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Work/Hygienic/Maintenance Practices: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid	
Appearance and Odor:	Transparent yellow liquid. Tropical punch taste and aroma.	
Melting Point:	No data.	
Boiling Point:	No data.	
Autoignition Pt:	No data.	
Flash Pt:	> 200.00 F	
Explosive Limits:	LEL: No data.	UEL: No data.
Specific Gravity (Water = 1):	No data.	
Vapor Pressure (vs. Air or mm Hg):	No data.	
Vapor Density (vs. Air = 1):	No data.	
Evaporation Rate:	No data.	
Solubility in Water:	No data.	
Percent Volatile:	No data.	

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability: No data available.

Incompatibility - Materials To Avoid: No data available.

Hazardous Decomposition Or Byproducts: No data available.

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Reactions: No data available.

11. Toxicological Information

Toxicological Information: This mixture has not been subjected to toxicological testing but has been blended from materials with established toxicological bibliographies. In view of the difficulty of using current standard toxicological evaluation techniques to predict potential hazards to susceptible individuals or arising from unforeseeable potentiation, this preparation should be considered and handled as if it displayed health hazards and consequently treated with all possible precaution.

Irritation or Corrosion: No data available.

Sensitization: No data available.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. Ecological Information

General Ecological Information: This mixture as a whole has not been subjected to ecotoxicological testing. In view of the difficulty of using current standard ecotoxicological evaluation techniques to predict the impact of particular modes of release on vulnerable or localized parts of the ecosystem, this preparation should be considered and handled as if it displayed potential environmental hazards, and treated in consequence with all possible precaution.

13. Disposal Considerations

Waste Disposal Method: This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

14. Transport Information

GHS Classification: Skin Corrosion/Irritation, Category 3 - Warning! Causes mild skin irritation
Skin Sensitization, Category 1 - Warning! May cause an allergic skin reaction
Aquatic Toxicity (Acute), Category 3 - Harmful to aquatic life
Aquatic Toxicity (Chronic), Category 3 - Harmful to aquatic life with long lasting effects

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name:
DOT Hazard Class:
UN/NA Number:



SAFETY DATA SHEET

Hawaiian Drink Flavor

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: UN Number: 2052

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
57-55-6	Propylene glycol	No	No	No
105-54-4	Ethyl butyrate	No	No	No
108-64-5	Ethyl isovalerate	No	No	No
7452-79-1	Ethyl 2 - methylbutyrate	No	No	No
100-52-7	Benzaldehyde	No	No	No
123-92-2	Iso-Amyl acetate	No	Yes 5000 LB	No
110-19-0	Iso-Butyl acetate	No	Yes 5000 LB	No
123-68-2	Hexanoic acid, 2-propenyl ester	No	No	No
142-19-8	Allyl heptanoate	No	No	No
138-86-3	Dipentene	No	No	No
103-37-7	Benzyl butyrate	No	No	No
122-63-4	Propanoic acid, phenylmethyl ester	No	No	No

This material meets the EPA Yes No Acute (immediate) Health Hazard
'Hazard Categories' defined Yes No Chronic (delayed) Health Hazard
for SARA Title III Sections Yes No Fire Hazard
311/312 as indicated: Yes No Sudden Release of Pressure Hazard
 Yes No Reactive Hazard

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
57-55-6	Propylene glycol	CA PROP.65: No
105-54-4	Ethyl butyrate	CA PROP.65: No
108-64-5	Ethyl isovalerate	CA PROP.65: No
7452-79-1	Ethyl 2 - methylbutyrate	CA PROP.65: No
100-52-7	Benzaldehyde	CA PROP.65: No
123-92-2	Iso-Amyl acetate	CA PROP.65: No
110-19-0	Iso-Butyl acetate	CA PROP.65: No
123-68-2	Hexanoic acid, 2-propenyl ester	CA PROP.65: No
142-19-8	Allyl heptanoate	CA PROP.65: No
138-86-3	Dipentene	CA PROP.65: No
103-37-7	Benzyl butyrate	CA PROP.65: No
122-63-4	Propanoic acid, phenylmethyl ester	CA PROP.65: No

16. Other Information

Revision Date: 03/26/2014

Additional Information About This Product: This product contains no added diacetyl as an ingredient. However, because diacetyl can occur in small amounts as an artifact of the production process in other ingredients, "No Added Diacetyl" products may not be "Diacetyl Free", as trace amounts may be present.

Company Policy or Disclaimer: The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification . The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any other process, unless specified in the text .